

ABSTRACT OF THE DISCLOSURE

Disclosed is a die for compacting a powdered material.

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The die has a die body having a penetrating die cavity to
5 which a couple of punches are adapted to apply for pressing
the powdered material to be supplied to form a compact, and
a die holder having a bore into which the die body is
shrink fitted. The die cavity is provided with a coating
composed of a material which is selected from the group
10 consisting of titanium carbide, titanium nitride, alumina,
titanium cyanide, hafnium nitride, chromium nitride,
tungsten carbide and DLC, and the die holder is composed of
a steel material which is prepared by tempering at a
temperature higher than a treatment temperature at which
15 the coating is provided on the die cavity. The die cavity
is tapered at a ratio within a range of 1/5,000 to 1/1,000.

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